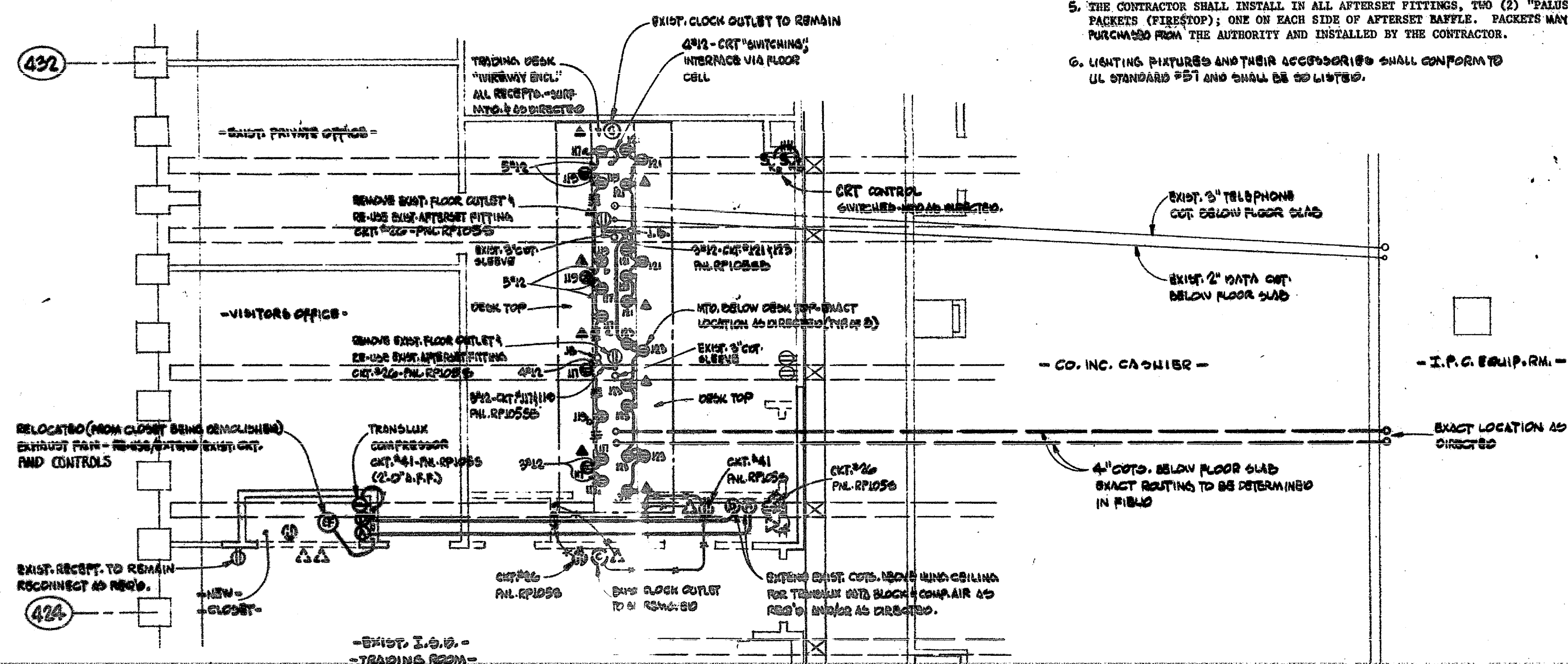
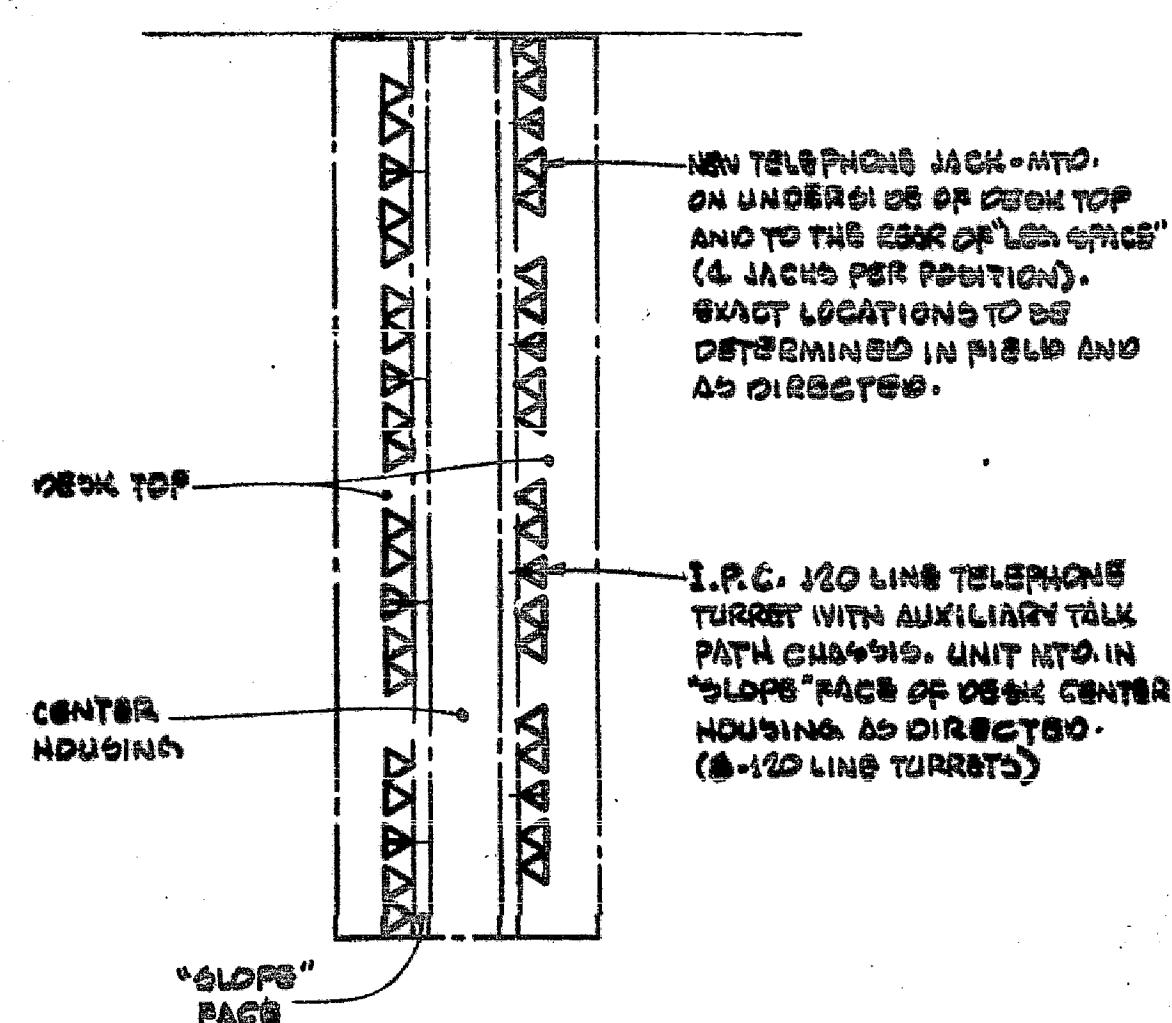


LIGHTING PLAN



POWER AND TELEPHONE PLANS



TELEPHONE PLAN
TOP OF NEW TRADING DESK

NOTE: EQUIPMENT OUTLET PLAN ABOVE
IS FOR APPROXIMATE LOCATION, AS
NOTED AND QUANTITIES AS SHOWN.
ACTUAL INSTALLATION & CONNECTIONS
WILL BE OTHERS.

GENERAL NOTES

1. ITEMS WHICH ARE REFERRED TO THIS NOTE IN THE LISTING MAY BE PURCHASED FROM PORT AUTHORITY STOCK.
2. FOR ELECTRICAL SPECIFICATIONS SEE DRAWING E-1.
3. THE AUTHORITY WILL FURNISH BLANKING SETS FOR FLOOR OUTLET UNITS WHICH ARE TO BE CAPPED.
4. ALL CONDUITS TO HAVE A MINIMUM OF 2 #12 WIRES (UL STANDARD #83), AND SHALL BE A MINIMUM OF 3/4" UNLESS OTHERWISE NOTED.
5. THE CONTRACTOR SHALL INSTALL IN ALL AFTERSET FITTINGS, TWO (2) "PALUSOL" PACKETS (FIRESTOP); ONE ON EACH SIDE OF AFTERSET RAFFLE. PACKETS MAY BE PURCHASED FROM THE AUTHORITY AND INSTALLED BY THE CONTRACTOR.
6. LIGHTING FIXTURES AND THEIR ACCESSORIES SHALL CONFORM TO UL STANDARD #51 AND SHALL BE LISTED.

LEGEND

- EXISTING LIGHTING FIXTURES TO REMAIN
- FLUORESCENT LIGHT FIXTURES (TYPE L-5)
400 COPAY DWS. 1050-4 FOR LIGHT FIXTURE SCHEDULE.
FIXTURES TO BE SUITABLE FOR 120V OPERATION; NUMERICAL
INDICATES CIRCUIT NO., SUB-LETTER INDICATES SWITCH CONTROL.
- ① JUNCTION BOX - SIZE AS REQUIRED
- ① EXISTING JUNCTION BOX
- \$ EXISTING LIGHT SWITCH TO REMAIN, TO BE REMOVED OR
TO BE RELOCATED - AS NOTED ON DWS.
- S₂ SINGLE POLE WALL SWITCH, MOUNTED 50" A.F.F. UNLESS OTHERWISE NOTED.
SUB-LETTER INDICATES SWITCH CONTROL - 20A., 277V., CAT. #1321-CRAT;
BY MURBELL (#131-CAT; 13A, 120V.).
- S_{EF} FLUSH WALL MOUNTED EXHAUST FAN SWITCH, 30" A.F.F. OUT*CRIDY
AS MFD. BY G.E.
- S_{K₂} FLUSH WALL MOUNTED, KEY OPERATED SWITCH. EXACT LOCATION
AND MTD. NOT AS DIRECTED. SUB-LETTER INDICATES RECEPTACLE
CONTROLLED. CAT. #1101-L AS MFD. BY MURBELL.
- A JACK FOR CRT KEYBOARD - TO BE INSTALLED ON UNDERSIDE
OF TRAINING DESK TOP (OR OTHERS) - EXACT LOCATION AS DIRECTED.
- ① OUTLET FOR COMPRESSED AIR LINE FOR TRANS-LUX BOARD.
MTD. 7'-0" A.F.F. (MATCH EXIST. BEING REMOVED)
- ① TELCO DATA BLOCK FOR TRANS-LUX BOARD - RELOCATE FROM
EXISTING 400BT AT MTD. 7'-0" A.F.F.
- ① REMOVE EXIST. COMPRESSED AIR OUTLET
- ① RELOCATE EXIST. TELCO DATA BLOCK
- ① AFTERSET FITTING - SEE NOTE #1. WALL MTD. DUPLEX RECEPTACLE,
20A., 125V., ARROW-HART #6799, FURNISHED & INSTALLED BY CONTRACTOR
- ① DUPLEX RECEPTACLE - AN#6392
- ① CURF. MTD. DUPLEX RECEPTACLE - AN#6392
- ① QUADRUPLX RECEPTACLE - AN#6392
- ① SEE POWER PLAN FOR LOCATIONS
AND TYPE OF MOUNTING.
- ① EXISTING AFTERSET FITTING (AS SHOWN ON ENG.), WALL MOUNTED DUPLEX
RECEPTACLE TO REMAIN.
- ① REMOVE EXISTING WALL MOUNTED DUPLEX RECEPTACLE AND CAP EXISTING
AFTERSET FITTING AS APPLICABLE.
- ① REMOVE EXISTING WALL MOUNTED TELEPHONE OUTLET AND CAP EXISTING AFTERSET
FITTING AS APPLICABLE.
- EXISTING RIGID STEEL CONDUIT, SIZE AS NOTED, TO REMAIN.
- EXISTING FLEXIBLE CONDUIT AND CABLE CONNECTION TO REMAIN, RECONNECT
AS REQUIRED.
- X— EXISTING RIGID STEEL CONDUIT AND CABLE TO BE REMOVED.
- RIGID STEEL CONDUIT, HOT DIPPED GALVANIZED (UL STANDARD #6).
RUN CONCEALED IN CEILING AND/OR WALL.
- FLEXIBLE CONDUIT AND CABLE CONNECTION (UL STANDARD #514).
- EXISTING POWER AND TELEPHONE FLOOR CELL.
- ☒ EXISTING FLOOR ACCESS PANELS OF FLOOR CELES AND HEADER DUCT.

PLAN
SCALE: 1/4" = 1'-0"

JOHN C. WELSTRICK & ASSOCIATES 3148 PARK AVE. SO. PLAINFIELD, N.J. 07080

CANTOR FITZGERALD SECURITIES CO.
1 WORLD TRADE CENTER N.Y., NY 105th FL

ELECTRICAL PLAN

DNN BY: D.L.	CHK: J.C.W.	DATE: 10-10-83
--------------	-------------	----------------

E-2